

**LOGSHEET FOR FIELD CHANGES TO CONTROLLED DOCUMENTS**

Change Number	Date	Document Number	Document Title	Section/Page Modified	Description Of Change(s)	RMRSS Responsible Manager Approval	Scalor Project Manager Approval	RMRSS State Safety Officer Approval	Radiological Engineering Approval	Quality Assurance Approved	Correlation Of ADK120 Checklist
1	4/21/98	RF/RMRS-98-218	Pyrophoric Depleted Uranium Source Removal from Rocky Flats Environmental Technology Site T-1 Trench (IHSS 108) Temporary Structure Health and Safety Plan	Page 22 Table 7.1 Combustion Gas Monitor Table: Carbon Monoxide Row	Remove Explosion from underneath Carbon Monoxide on column one	W/A 4/21/98	W/A 4/21/98	W/A 4/21/98	W/A 4/21/98	W/A 4/21/98	JWA 4/21/98
2	4/21/98	RF/RMRS-98-218	Pyrophoric Depleted Uranium Source Removal from Rocky Flats Environmental Technology Site T-1 Trench (IHSS 108) Temporary Structure Health and Safety Plan	Page 22 Table 7.1 Combustion Gas Monitor Table: Carbon Monoxide Row	Added "sustained in breathing zone for 10 seconds" after 12.5 parts-per-million in column 2.	W/A 4/21/98	W/A 4/21/98	W/A 4/21/98	W/A 4/21/98	W/A 4/21/98	JWA 4/21/98
3	4/21/98	RF/RMRS-98-218	Pyrophoric Depleted Uranium Source Removal from Rocky Flats Environmental Technology Site T-1 Trench (IHSS 108) Temporary Structure Health and Safety Plan	Page 22 Table 7.1 Combustion Gas Monitor Table: Carbon Monoxide Row	Changed to "Suspend operations involving CO generation - notify the Field Supervisor and RMRSS IH Project Management in concurrence with IH will evaluate and approve methods to mitigate the hazard."	W/A 4/21/98	W/A 4/21/98	W/A 4/21/98	W/A 4/21/98	W/A 4/21/98	JWA 4/21/98

**Table 7.1 Monitoring Program Summary (Continued)**

<b>Respirable Dust Monitoring</b>			
<b>Hazard</b>	<b>Action Level</b>	<b>Action(s) to be Taken</b>	<b>Monitoring Frequency</b>
Nuisance dust	1.5 mg/ m <sup>3</sup>	Spray water for dust suppression to maintain below 1.5 mg/m <sup>3</sup>	Continuous during dust generating activities.

<b>Combustion Gases Monitoring</b>			
<b>Hazard</b>	<b>Action Level</b>	<b>Action(s) to be Taken</b>	<b>Monitoring Frequency</b>
Nitrogen Dioxide	1.5 parts-per-million	Suspend operations and notify the Field Supervisor	During all work activities inside the enclosure when necessary, at the discretion of the HSS or SSO.
Sulfur Dioxide	1.0 part-per-million	Suspend operations and notify the Field Supervisor	During all work activities inside the enclosure when necessary, at the discretion of the HSS or SSO.
Carbon Monoxide	12.5 parts-per-million sustained in the breathing zone for 10 seconds	Suspend operations involving CO generation - notify the Field Supervisor and RMRS IH. Project Management in concurrence with IH will evaluate and approve methods to mitigate the hazard.	During all work activities inside the enclosure when necessary, at the discretion of the HSS or SSO.
Nitric Oxide	12.5 parts per million	Suspend operations and notify the Field Supervisor	During all work activities inside the enclosure when necessary, at the discretion of the HSS or SSO.

### **7.1.1 Noise Monitoring**

Noise levels will be monitored to delineate areas or activities where hearing protection and postings are required, the effectiveness of hearing protection, and whether or not personnel need to participate in a Hearing Conservation Program. The instrument used will be an Ametek, Model MK-3, audio dosimeter. The MK-3 is a microprocessor controlled personal monitor that measures noise exposure in the dBA range and displays a variety of results including real time dBA level, exposure time, exposure dose, average dBA level, maximum dBA level, and the 8-hour time weighted exposure dose. The MK-3 is calibrated on a daily basis before and after use. Daily calibrations will be per the manufacturer's specifications and results will be entered in the Industrial Hygiene Instrumentation Calibration Logbook. Annual calibration and service of the instrument and the calibrator is required.